

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-070284

(43)Date of publication of application : 07.03.2000

(51)Int.Cl.

A61B 19/00

G02B 21/18

G02B 21/22

G02B 21/36

(21)Application number : 10-248672

(71)Applicant : OLYMPUS OPTICAL CO LTD

(22)Date of filing : 02.09.1998

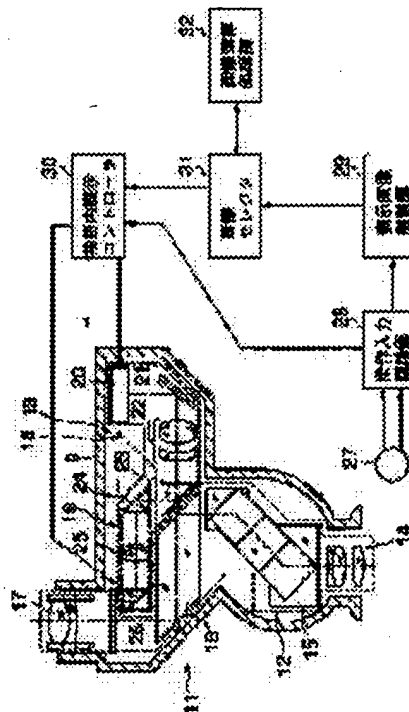
(72)Inventor : KINUKAWA MASAHIKO

(54) SURGICAL MICROSCOPIC APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a surgical microscopic apparatus which enables an operator to observe a desired position image information on an operating section within the field of microscopic observation and makes it possible to more effectively obtain anatomical information.

SOLUTION: This surgical microscopic apparatus has a surgical microscopic lens housing which enables the simultaneous observation of the observation image of a binocular lens barrel optical system 12 and the image information of an image projection optical system 13. The apparatus is provided with a manipulation switch section 27 which selects the display image by an image selector 31 for executing spatial integration processing with the image information in accordance with the detected data from an image arithmetic processing section 32 for detecting the observation position by a microscope and an intra-field display controller 30 which extracts and controls the image information displayed and observed by the surgical microscopic lens housing according to the results of the selection by the manipulation switch section 27.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]